FIG.6FROM ENGINE STARTING AND LOW TEMPERATURE (HC ADSORBTION MODE)

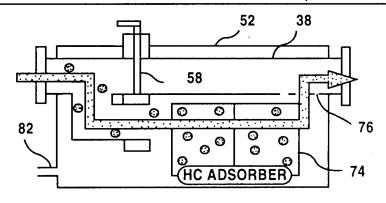


FIG.7NORMAL TEMPERATURE AND WITHOUT EGR (HC TRAPPING MODE)

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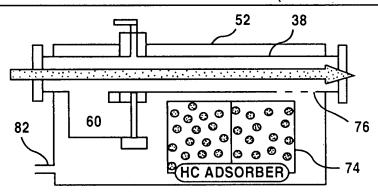


FIG.8

NORMAL TEMPERATURE AND WITH EGR (HC PURGING MODE)

